UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,782,987 B2
APPLICATION NO. : 10/799322
DATED : August 24, 2010
INVENTOR(S) : Jonsson

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In The Specification:

In Column 4, Line 30, delete "COIs" and insert -- CQIs --, therefor.

In Column 5, Line 38, delete "σ_2," and insert -- σ^2, --, therefor.

In Column 5, Line 39, delete "$E(|w_H n_{ISI}+w^H n|^2)$" and insert -- $E(|w^H n_{ISI}+w^H n|^2)$ --, therefor.

In Column 9, Lines 41-43, in Equation (9), delete "

$$\sum_{f=1}^{F} \frac{\left| N_P^{-1} \sum_{n=1}^{N_p} p_n^* y_f(n) \right|^2 - N_P^{-1}(R_{f,f}^{ISI} + \sigma^2)}{u R_{f,f}^{ISI} + \sigma^2}.$$

"

and insert --

$$\sum_{f=1}^{\hat{F}} \frac{\left| N_P^{-1} \sum_{n=1}^{N_p} p_n^* y_f(n) \right|^2 - N_P^{-1}(R_{f,f}^{ISI} + \sigma^2)}{u R_{f,f}^{ISI} + \sigma^2}.$$
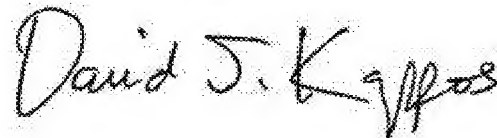
--, therefor.

In Column 9, Line 64, delete "α_p" and insert -- a_p --, therefor.

In Column 14, Line 11, delete "α_p" and insert -- a_p --, therefor.

In Column 14, Line 22, in Equation (A1), delete "$E(c_{n1}^{(p1)} c_{n1}^{(p2)})=0$," and insert -- $E(c_{n1}^{(p1)} c_{n2}^{(p2)})=0$, --, therefor.

In Column 14, Lines 63-64, delete "

$$a_1 \sum_{l=1}^{L} h_l^{prop} \varphi(\tau - \tau_1)$$

" and insert

Signed and Sealed this
Eighteenth Day of January, 2011

David J. Kappos
Director of the United States Patent and Trademark Office

$$a_1 \sum_{l=1}^{L} h_l^{prop} \varphi(\tau - \tau_l)$$

-- , therefor.

In Column 15, Lines 15-16, in Equation (A3), delete "
$$a_1 \sum_{l=1}^{L} h_l^{prop} \varphi(\tau - \tau_1).$$
"

and insert --
$$a_1 \sum_{l=1}^{L} h_l^{prop} \varphi(\tau - \tau_l).$$
-- , therefor.

In the Claims:

In Column 18, Line 2, in Claim 15, delete "inter-Symbol" and insert -- inter-symbol --, therefor.